

1 BILL NO. S-83-12-26

2 SPECIAL ORDINANCE NO. S-276-83

3 AN ORDINANCE approving Change Order
4 No. 8 - Water Pollution Control
5 Plant - AWT C180774-03, with
6 Hagerman-Shambaugh, joint bidders,
7 in connection with the Board of
8 Public Works.

9 NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF
10 THE CITY OF FORT WAYNE, INDIANA:

11 SECTION 1. That Change Order No. 8 - Water Pollution
12 Control Plant-AWT 180774-03, with Hagerman-Shambaugh, joint bid-
13 ders, in connection with the Board of Public Works for:

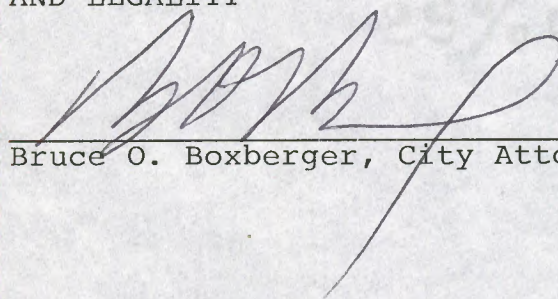
14 Change Order #8 - Water Pollution Control
15 Plant - AWT C180774-03 is necessary
16 because during the course of construction
17 of this project, it was determined by our
18 WPC Plant Superintendent that a more effi-
19 cient operation could be obtained by the
20 installation of certain process controls,
21 along with providing a special gas piping
22 system in the laboratory for the gas chroma-
23 tograph;

24 involving an additional cost of Fourteen Thousand Seven Hundred
25 Forty-Three and 50/100 Dollars (\$14,743.50), all as more particu-
26 larly set forth in the specifications, and which is on file with
27 the Office of the Board of Public Works, and is by reference in-
28 corporated herein, made a part hereof and is hereby in all things
29 ratified, confirmed and approved.

30 SECTION 2. That this Ordinance shall be in full force
31 and effect from and after its passage and any and all necessary
32 approval by the Mayor.

33 
Councilmember

APPROVED AS TO FORM
AND LEGALITY

34 
35 Bruce O. Boxberger, City Attorney

Read the first time in full and on motion by Scruggs,
seconded by Stier, and duly adopted, read the second time
by title and referred to the Committee City of Fort Wayne (and the City
Plan Commission for recommendation) and Public Hearing to be held after
due legal notice, at the Council Chambers, City-County Building, Fort Wayne,
Indiana, on _____, the _____ day of _____,
19____, at _____ o'clock _____ M., E.S.T.

DATE: 12-13-83

Sandra E. Kennedy
CITY CLERK

Read the third time in full and on motion by Scruggs,
seconded by Stier, and duly adopted, placed on its
passage. PASSED (NOST) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>9</u>	_____	_____	_____	_____
<u>BRADBURY</u>	<u>✓</u>	_____	_____	_____	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>EISBART</u>	<u>✓</u>	_____	_____	_____	_____
<u>GIAQUINTA</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHEMIDT</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHOMBURG</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCRUGGS</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 12-27-83

Sandra E. Kennedy
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne,
Indiana, as (~~ZONING MAP~~) (GENERAL) (ANNEXATION) (SPECIAL)
(APPROPRIATION) ORDINANCE (RESOLUTION) NO. 1-276-83
on the 27th day of December, 1983.

ATTEST:

(SEAL)

Sandra E. Kennedy
CITY CLERK

Ray A. E. Bork
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on
the 27th day of December, 1983, at the hour of
1:00 o'clock P. M., E.S.T.

Sandra E. Kennedy
CITY CLERK

Approved and signed by me this 28th day of December
1983, at the hour of 4 o'clock P. M., E.S.T.

Win Moses, Jr.
WIN MOSES, JR. - MAYOR

CHANGE ORDER NO. 8

PAGE 2

Description of Change:AddDeductItem No. 3

Provide the necessary labor and materials to modify the north/west cross tie as detailed on attached sketch No. 1

-0-

Item No. 4

Revise the project plaque to include an additional City Council Member and change the City Clerk.

\$ 350.50

Item No. 5

Provide all necessary labor and materials to extend the vinyl covered drywall in the east aeration building office from 8-foot to a ceiling height of 10-1/2 feet.

536.00

Item No. 6

Revise the deduct from Change Order No. 1, Item No. 1 from \$18,723 to \$18,733.

\$10.00

Item No. 7

Provide all necessary labor and materials to run Argon (Ar), Helium (He), and Nitrogen (N) gases from the area of the gas chromatograph to each of the fume hoods. The gas piping system to consist of stainless steel tubing to the hoods and a five-way valve, metering valve, and gas nipple installed within each hood, as detailed on attached sketch no. 2

2,802.00

TOTALS:

\$14,753.50\$10.00

NET CHANGE - ADD:

\$14,743.50TIME:

A time extension shall be made with an addition of 63 calendar days to the contract completion date which changes from November 26, 1983 to January 28, 1984.

PREPARED BY:

HOWARD NEEDLES TAMMEN & BERGNEDOFF

By

Title Project Mgr. Date 11/4/83

ACCEPTED:

HAGERMAN-SHAMBAUGH, Joint Bidders
ACCEPTED FOR HAGERMAN CONSTRUCTION CORP.
CONTRACTOR

By

Title Pres. Date 11/22/83

ACCEPTED FOR SHAMBAUGH & SON, INC.
CONTRACTOR

By

Title Secy Date 11-21-83

APPROVED:

CITY OF FORT WAYNE, INDIANA
OWNER

By

Stephen A. Bailey, ChairmanBetty R. Collins, MemberJack Wilson, MemberTitle BOARD OF PUBLIC WORKS

Date

11/30/83

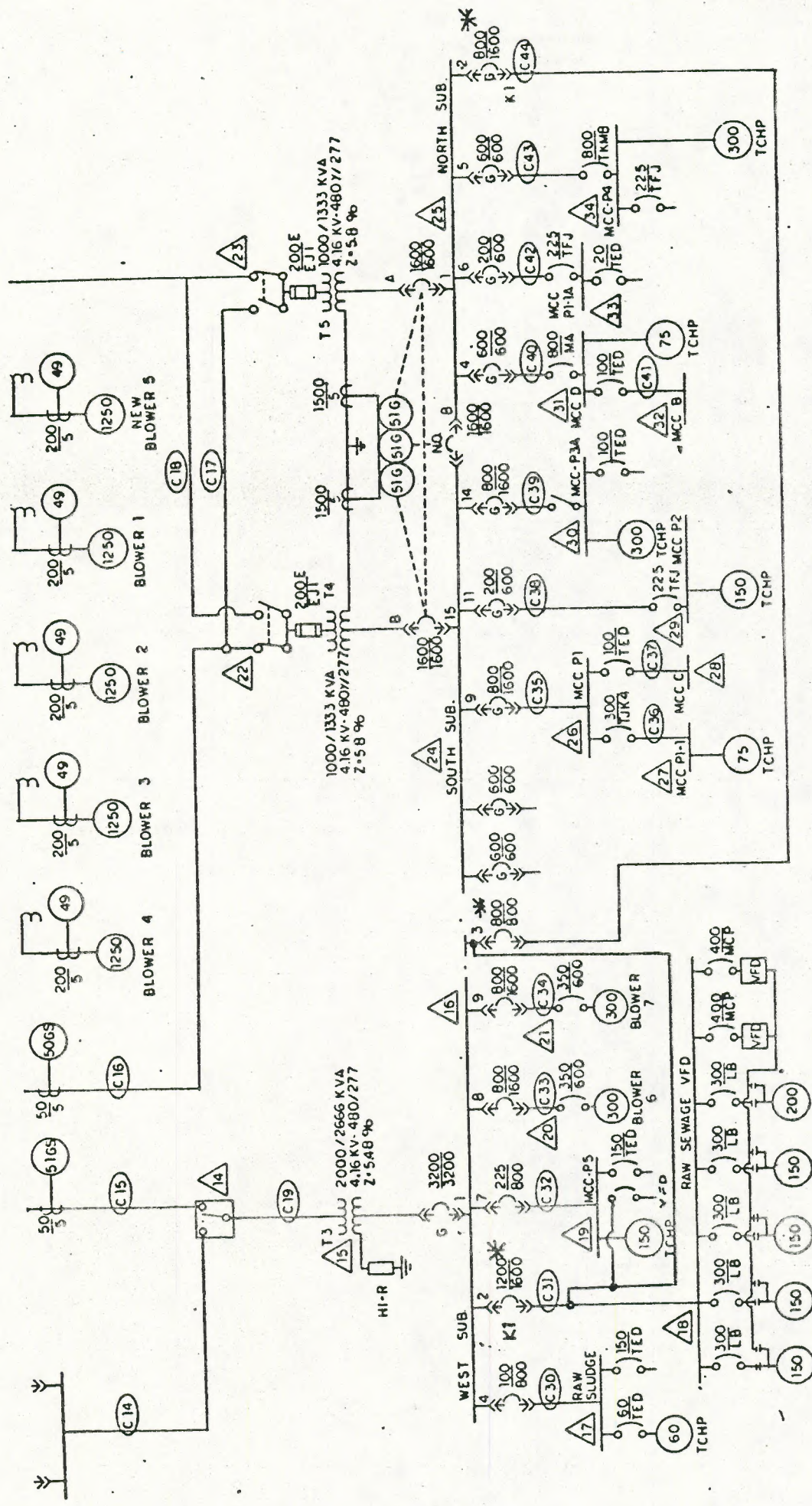
Recommended for Payment
Department of Water Resources

Date

11/28/83

By

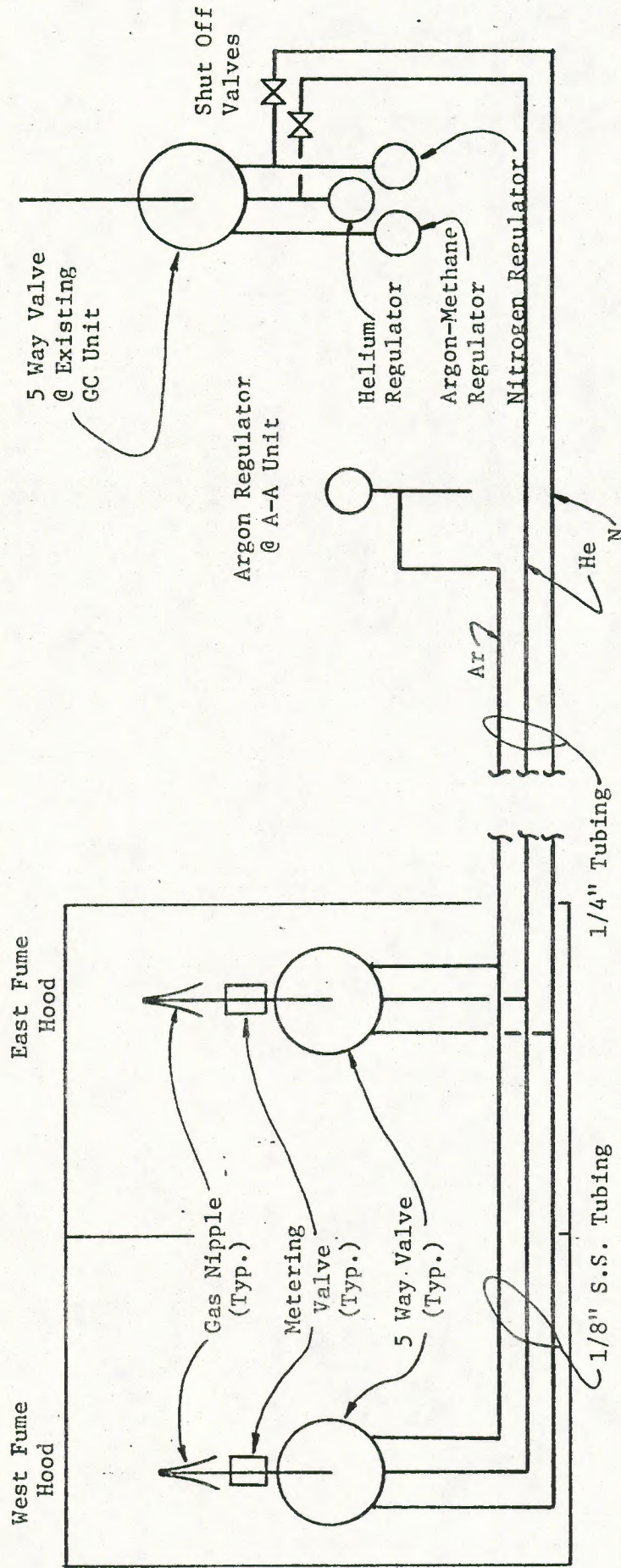
W. H. Haller



NORTH-WEST SUB CROSS TIE

* Label As A Tie-Breaker

SKETCH NO. 1
C.O. NO. 8, ITEM NO. 3
FORT WAYNE, INDIANA
AWT - PHASES A, B & C



FUME HOOD GASES

Sketch No. 2
C.O. No. 8, Item No. 7
Fort Wayne, Indiana
AWT-Phases A, B & C

WATER QUALITY CONTROL PROJECT

AWT - PHASES A, B & C
CITY OF FORT WAYNE, INDIANA

JUSTIFICATION FOR CHANGE

CHANGE ORDER NO. 8

I. NECESSITY FOR CHANGE:

Item No. 1

Without these local pushbutton stations, the only control of these 8 pumps is at remote motor control centers. Due to the nature of the liquid being pumped, the pumps require more frequent maintenance. During cleaning or clearing operations, it is necessary to be able to see the pump run. Without these, two persons with walkie-talkies are required to perform the maintenance tasks.

Item No. 2

The addition of these totalizers is necessary for these five return sludge magnetic flow meters to be equipped the same as the four existing units. Proper operation of the activated sludge process system is better controlled through sludge flow monitoring.

Item No. 3

This modification of the cross-tie of the two power distribution units provides a reliable power source to the raw sewage pumps.

Item No. 4

Changes in City personnel during the course of the project necessitated modifications to the project plaque.

Item No. 5

Change Order No. 6, Item No. 14 deleted the work which would have lowered both the electronics room floor and door 2'-6". The doorway into the electronics test room is from the east aeration office and is now still 2'-6" higher. Raising the ceiling height and the wall covering in the east office is necessary to provide sufficient head clearance at the doorway.

Item No. 6

A mathematical error was made in Change Order No. 1, Item No. 1. This revision is made to correct that error.

Item No. 7

Preparation of some of the samples for various routine laboratory analysis, requires a process including the Argon, Helium, and Nitrogen gases. This process is routinely performed within the fume hoods to safely vent the gases given off during the process. Permanently piping these gases to the fume hoods will permit this work to be done in a vented environment.

II. WILL PROPOSED CHANGES ALTER SIZE OF PROJECT?

The proposed changes described herein will not significantly alter the existing design flow or size of this project.

III. EFFECT OF OPERATION AND MAINTENANCE OF THIS PROJECT:

The above items are such that they should not adversely affect operatability and maintenance at the plant. Items No. 1, 2, 3 & 7 should provide benefits during plant operation and maintenance.

IV. TIME OF COMPLETION:

A time extension of 63 calendar days shall be made to the contract completion date. This is a result of the Maumee River flood in March, 1982 and a labor strike in June, 1982.

Prepared by:

HOWARD NEEDLES TAMMEN & BERGENDOFF
ARCHITECTS ENGINEERS PLANNERS
INDIANAPOLIS, INDIANA
NOVEMBER 4, 1983

BILL NO. S-83-12-36

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order No. 8 - Water Pollution Control
Plant - AWT C180774-03, with Hagerman-Shambaugh, joint bidders, in
connection with the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

VICTURE L. SCRUGGS, CHAIRMAN

SAMUEL J. TALARICO, VICE CHAIRMAN

DONALD J. SCHMIDT

MARK E. GIAQUINTA

PAUL M. BURNS

Victure Scruggs
Samuel J. Talarico
D Schmidt
Mark E. Giaquinta

Concurred
12-27-83

PROJECT Water Quality Control Project OWNER City of Fort Wayne, IndianaDIVISION/SECTION AWT - Phases A, B and C (EPA Project No. C180774-03)CHANGE ORDER NO. 8

73-229-8

11/30/83

TO: Hagerman-Shambaugh, Joint Bidders510 W. Washington Blvd. P.O. Box 10690Fort Wayne, Indiana 46853-0690

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change (Deduct) (Add)	Revised Contract Amount
TOTAL	\$ <u>12,507,993.75</u>	\$ <u>14,753.50</u>	\$ <u>10.00</u>	\$ <u>14,743.50</u>	\$ <u>12,522,737.25</u>

Description of Change:

AddDeductItem No. 1

Provide all necessary labor and materials to install start/stop push button control stations for the four digester sludge recirculation pumps and start/stop selector switch control for the four return sludge pumps. The control stations shall be located at the corresponding pump. All materials and the installation shall conform to the requirements of Specification Section D-14.

\$ 6,478.00

Item No. 2

Provide all necessary labor and materials to install integrators and 8 digit totalizers mounted adjacent to each of the five new Return Sludge Magnetic Flow Meters, for Aeration Tank No's. 1 - 5. These meters are defined in the Instrumentation Loop Diagrams as Tag No's. FE/FT 093, 096, 099, 102 and 105.

4,587.00

TITLE OF ORDINANCE Change Order #8 - Water Pollution Control Plant - AWT C180774-03

DEPARTMENT REQUESTING ORDINANCE Board of Public Works

83-12-36

SYNOPSIS OF ORDINANCE Change Order #8 - Water Pollution Control Plant - AWT C180774-

is necessary because during the course of construction of this project, it was
determined by our WPC Plant Superintendent that a more efficient operation could
be obtained by the installation of certain process controls, along with providing
a special gas piping system in the laboratory for the gas chromatograph.

Hagerman-Shambaugh, Joint Bidders.

EFFECT OF PASSAGE To facilitate completion of this project..

EFFECT OF NON-PASSAGE

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) Addition \$14,743.50

ASSIGNED TO COMMITTEE